

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	73	("20010012953" "20030028222" "3937226" "4088140" "4332259" "4354497" "4428378" "4458677" "4548203" "4928688" "5052388" "5144949" "5174289" "5267560" "5340361" "5403356" "5514161" "5534506" "5584867" "5626620" "5626623" "5674259" "5716383" "5720768" "5749906" "5792203" "5797970" "5902324" "6122545" "6129744" "6144880" "6233485" "6411848" "6477415" "6498949" "6567700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 15:56
S2	1	"000474".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 16:58
S3	2	("6871096").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/03 16:02
S4	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880").PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 16:03
S5	73	("20010012953" "20030028222" "3937226" "4088140" "4332259" "4354497" "4428378" "4458677" "4548203" "4928688" "5052388" "5144949" "5174289" "5267560" "5340361" "5403356" "5514161" "5534506" "5584867" "5626620" "5626623" "5674259" "5716383" "5720768" "5749906" "5792203" "5797970" "5902324" "6122545" "6129744" "6144880" "6233485" "6411848" "6477415" "6498949" "6567700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 17:13

## EAST Search History

S6	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880"). PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 17:13
S7	9	(S5 or S6) and fusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:09
S8	5	(S5 or S6) and( "pre-excitation" or "pre-pulse")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 17:19
S9	81	("20050065565" "4407287" "5105809" "5129393" "5174289" "5267560" "5514161" "5584867" "5674259" "5782887" "5902324" "5935160" "5941830" "6070101" "6070101" "6081748" "6122545" "6128535" "6169918" "6188926" "6198968" "6240313" "6263242" "6285907" "6317631" "6370430" "6411848" "6421564" "6424866" "6438421" "6456878" "6456880" "6466820" "6466820" "6477415" "6477417" "6496730" "6501988" "6512952" "6512953" "6522921" "6522923" "6829505").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 17:17
S10	6	S9 and fusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 18:03
S11	2	S9 and( "pre-excitation" or "pre-pulse")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 17:54
S12	1259	607/9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 09:08

## EAST Search History

S13	176	S12 and (measur\$3 near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 17:56
S14	0	("2005/0209648").URPN.	USPAT	OR	ON	2005/10/03 17:55
S15	137	S13 and (deliver\$3 near (pace or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 17:57
S16	107	S15 and ("AV" or "A-V")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 08:54
S17	46	S16 and (conduction near (delay or block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 18:01
S18	17	S17 and (("AV" or "A-V") near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:48
S19	7	S18 and fusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 18:03
S20	18	S17 and fusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 18:03
S21	3	(measure near ("AV" or "A-V" or "atrial ventricular" or "atrial-ventricular")) and (deliver near (pulse or pace or stimul\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 08:56
S22	60	(measure near ("AV" or "A-V" or "atrial ventricular" or "atrial-ventricular"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:25

## EAST Search History

S23	6	"bi-ventricular fusion pacing" or "bi-ventricular fusion-pacing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 13:29
S24	9	"ventricular fusion pacing" or "ventricular fusion-pacing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 09:06
S25	15	"fusion pacing" or "fusion-pacing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 09:06
S26	1260	607/9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:07
S27	1391	S26 or (607/25.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 09:08
S28	7	S27 and (measure near ("AV" or "A-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 09:09
S29	0	(607/4-5.ccls) and (measure near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:07
S30	0	(607/4-5.ccls)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 12:53
S31	23	(607/4-5.ccls.) and (measure near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 12:54
S32	1593	(607/4-5.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 12:53

## EAST Search History

S33	10	(607/4-5.ccls.) and fusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 12:55
S34	12	(607/4-5.ccls.) and (pre near (pulse or beat or stimul\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 12:56
S35	29	(607/9.ccls.) and (pre near (pulse or beat or stimul\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 12:59
S36	96	(607/9.ccls.) and (fusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:00
S37	82	(607/9.ccls.) and (fusion) and measur\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:05
S38	74	(607/9.ccls.) and (fusion) and measur\$3 and ("AV" or "A-V")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:02
S39	9	measur\$3 near "atrio-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:04
S40	79	("20030144702" "20030144703" "20050131472" "20050137634" "3937226" "4088140" "4332259" "4354497" "4428378" "4458677" "4548203" "4928688" "4972834" "5052388" "5174289" "5190035" "5267560" "5331966" "5403356" "5514161" "5514163" "5527347" "5674259" "5720768" "5749906" "5792203" "5797970" "5902324" "6070100" "6129744" "6141586" "6144880" "6161042" "6351673" "6360127" "6542775" "6597951" "6684103" "6804555" "6856836" "6859665").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:04

## EAST Search History

S41	7	S40 and (fusion) and measur\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:11
S42	73	("20010012953" "20030028222" "3937226" "4088140" "4332259" "4354497" "4428378" "4458677" "4548203" "4928688" "5052388" "5144949" "5174289" "5267560" "5340361" "5403356" "5514161" "5534506" "5584867" "5626620" "5626623" "5674259" "5716383" "5720768" "5749906" "5792203" "5797970" "5902324" "6122545" "6129744" "6144880" "6233485" "6411848" "6477415" "6498949" "6567700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:10
S43	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880").PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/04 13:10
S44	17	(S42 or S43) and "atrio-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 15:47
S45	7	S44 and (fusion) and measur\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 13:12
S46	9	(S42 or S43) and pre	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 17:05
S47	1230	"atrio-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 15:47

## EAST Search History

S48	5	measure near "atrio-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 15:47
S49	9	measur\$3 near "atrio-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:53
S50	56	(607/115-132.ccls.) and ((lead or electrode) near "left ventricle")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 16:33
S51	4	(607/115-132.ccls.) and (ventricular with fusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 16:32
S52	43	S50 and coronary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 16:31
S53	43	(607/115-132.ccls.) and (bi-ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 16:38
S54	12	(607/115-132.ccls.) and ((lead or electrode) near "left ventricle") and "bi-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/04 16:33

## EAST Search History

S55	61	("3825015"   "3865118"   "3903897"   "3911928"   "3935864"   "3949757"   "4057067"   "4154247"   "4215703"   "4289144"   "4328812"   "4393883"   "4401126"   "4401127"   "4402328"   "4402330"   "4422460"   "4444195"   "4458677"   "4493329"   "4502492"   "4567901"   "4627439"   "4727877"   "4882777"   "4913147"   "4930521"   "4962767"   "5111811"   "5133422"   "5144960"   "5172694"   "5273053"   "5306263"   "5308342"   "5330521"   "5423772"   "5437632"   "5476497"   "5499973"   "5531685"   "5605162"   "5628778"   "5639276"   "5683445"   "5733496"   "5749849"   "5755765"   "5755766"   "5803928"   "5810867"   "5833604"   "5855560"   "5871531"   "5897584"   "5925073"   "5931819"   "5931864"   "5935160"   "5951597"   "6400992").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/04 16:35
S56	1	S55 and (bi-ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:31
S57	24	S53 and (epicard\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:43
S58	2	("5935160").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/04 17:06
S59	2	("4,928,688").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/04 17:37
S60	2	("4928688").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/05 10:23
S61	43	(607/115-132.ccls.) and (bi-ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:55



## EAST Search History

S62	0	S61 and (measure near (interval))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:43
S63	0	S61 and (measure near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:43
S64	0	S61 and (measure near tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:43
S65	0	S61 and (sense near tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:44
S66	15	S61 and (electrode near tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:44
S67	107	measur\$3 near "conduction time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:54
S68	0	S61 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:47
S69	3563	(607/115-132.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 10:55
S70	43	(607/115-132.ccls.) and (bi-ventricular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:47
S71	107	measur\$3 near "conduction time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:47

## EAST Search History

S72	0	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:47
S73	0	S72 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:47
S74	3563	(607/115-132.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:47
S75	1	S74 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:48
S76	36309	(measur\$3 or sens\$3) near (tip or coil or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:48
S77	177	S74 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:48
S78	1	S77 and (("AV" or "A-V") near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:49
S79	76	S76 and (("AV" or "A-V") near interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:49
S80	73	("20010012953" "20030028222" "3937226" "4088140" "4332259" "4354497" "4428378" "4458677" "4548203" "4928688" "5052388" "5144949" "5174289" "5267560" "5340361" "5403356" "5514161" "5534506" "5584867" "5626620" "5626623" "5674259" "5716383" "5720768" "5749906" "5792203" "5797970" "5902324" "6122545" "6129744" "6144880" "6233485" "6411848" "6477415" "6498949" "6567700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:57

## EAST Search History

S81	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880"). PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/05 12:57
S82	3	(S80 or S81) and (ring near tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 12:57
S83	183	"bi-ventricular" and epicard\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:04
S84	1	S83 and (ventricle near epicard\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:01
S85	30	("4554922" "4641656" "4998975" "51 65403" "5174289" "5385579" "540335 6" "5551427" "5728140" "5800464" " 5800465" "5935160" "6421564" "6567 700" "6584362").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:02
S86	12	S85 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:05
S87	6058	"bi-ventricular" or resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:33
S88	1853	S87 and (physilogic\$2 or activity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:06
S89	1061	S88 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:10

## EAST Search History

S90	14	S89 and ((physilogic\$2 or activity) near threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:06
S91	69689	(S80 or S81 of S85) and ("pre" or "sub")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:09
S92	15	(S80 or S81 or S85) and ("pre" or "sub")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:09
S93	8	S92 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:10
S94	99	("bi-ventricular" or resynchronization) and (cardiac near parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 15:18
S95	70	S94 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:38
S96	2	S94 and (threshold near (cardiac near parameter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:38
S97	0	("bi-ventricular" or resynchronization) and (phisiologic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:40
S98	627	("bi-ventricular" or resynchronization) and physiologic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:41
S99	1	("bi-ventricular" or resynchronization) and (physilogic\$2 near threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:41

## EAST Search History

S10 0	4	("bi-ventricular" or resynchronization) and ((ceas\$3 or stop\$3) near threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:42
S10 1	2	("bi-ventricular" or resynchronization) and (beat near threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:43
S10 2	57651	("bi-ventricular" or resynchronization or capture) and (physiologic\$2 or activity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:44
S10 3	730	S102 and ((physiologic\$2 or activity) near (sensor or theshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 14:45
S10 4	467	("bi-ventricular" or resynchronization) and (cardiac near cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 15:20
S10 5	10	S104 and ((multiple or three) near cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 15:25
S10 6	0	S104 and (weight\$3 near cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/05 15:25
S10 7	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880"). PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:54

## EAST Search History

S10 8	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880"). PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:55
S10 9	1	"744944".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 16:58
S11 0	2	("20040215258").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 16:59
S11 1	10	("20040215258" "5190035" "6058328"  "6161042" "7013176").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 17:03
S11 2	20	("4554922" "4641656" "4998975" "51 65403" "5174289" "5385579" "540335 6" "5551427" "5800464" "5800465"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 17:04
S11 3	35	("20030028222" "20030083700" "200 50209649" "20050209650" "4428378"  "5052388" "5534016" "5626620" "56 58320" "5759196" "5814083" "603847 4" "6275731" "6473649" "6501988" " 6553258" "6871096").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 17:14
S11 4	8	((("5902324") or ("6144880") or ("2001012953"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:15
S11 5	2	("20010012953").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:58

## EAST Search History

S11 7	2	("20030083700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/02 17:58
S11 8	2	"803570".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 13:42
S11 9	0	("2005/0209648").URPN.	USPAT	OR	ON	2006/10/03 13:48
S12 0	535	("607"/\$.cls.) and fusion	USPAT	OR	ON	2006/10/03 18:31
S12 1	124	("607"/\$.cls.) and (pac\$5 with fusion)	USPAT	OR	ON	2006/10/03 14:32
S12 2	97	("607"/\$.cls.) and (pacing with fusion)	USPAT	OR	ON	2006/10/03 13:48
S12 3	0	("2005/0209648").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 13:48
S12 4	933	("607"/\$.cls.) and fusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 13:49
S12 5	273	("607"/\$.cls.) and ((paces or pace or pacing or stimulat\$4) with fusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 14:51
S12 6	6	((("5902324") or ("6144880") or ("20010012953")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/03 13:54
S12 7	72	("607"/\$.cls.) and (averag\$4 with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 14:54
S12 8	126	("607"/\$.cls.) and (averag\$4 with ("AV" or "A-V" or "atrio-ventricular" or "atrio ventricular"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 14:54

## EAST Search History

S129	29	("20010012953"   "3937226"   "4088140"   "4332259"   "4354497"   "4428378"   "4458677"   "4548203"   "4928688"   "5052388"   "5144949"   "5174289"   "5267560"   "5340361"   "5403356"   "5514161"   "5534506"   "5584867"   "5626620"   "5626623"   "5674259"   "5716383"   "5720768"   "5749906"   "5792203"   "5797970"   "5902324"   "6129744"   "6144880"). PN. OR ("6871096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/03 14:26
S130	2	S129 and S127	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/03 14:27
S131	20	S128 and S127	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/03 14:27
S132	23	S124 and S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 14:31
S133	11	S128 and (pac\$5 with fusion)	USPAT	OR	ON	2006/10/04 09:29
S134	154	S125 and (average or mean or median)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 14:53
S135	814	(biventricular or "bi ventricular" or "bi-ventricular") and (average or mean or median)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:09
S138	22	S135 and (averag\$4 with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 14:54
S139	45	S135 and (averag\$4 with ("AV" or "A-V" or "atrio-ventricular" or "atrio ventricular"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:09
S140	61	S138 or S139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 17:24



## EAST Search History

S14 1	1443	607/9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:07
S14 2	0	607/4-5.ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:08
S14 3	474	(607/17).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/03 18:08
S14 4	159	(607/18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/03 18:08
S14 5	183	(607/25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/03 18:08
S14 6	19	S145 and (averag\$4 with ("AV" or "A-V" or "atrio-ventricular" or "atrio ventricular"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:30
S14 7	48	(biventricular or "bi ventricular" or "bi-ventricular") and (average or mean or median) and S145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:13
S15 1	12625	(averag\$4 or median) with ("AV" or "A-V" or "atrio-ventricular" or "atrio ventricular" or PV or "P-V" or "P V" or "A V" or "AR" or "A-R" or "A R" or "PR" or "P-R" or "P R" )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:34
S15 2	5857	(averag\$4 or median) with intrinsic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:31
S15 3	110	("607"/\$.ccls.) and S151	USPAT	OR	ON	2006/10/04 09:29
S15 4	100	("607"/\$.ccls.) and S152	USPAT	OR	ON	2006/10/03 18:31

## EAST Search History

S15 5	200	S153 or S154	USPAT	OR	ON	2006/10/03 18:32
S15 6	643	((averag\$4 or median) same (noise or accurate or accuracy)) and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:35
S15 7	39	S155 and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 18:35
S15 8	11681	measur\$4 with ("AV" or "A-V" or "A V" or "atrial ventricular" or "atrial-ventricular" or "atrioventricular" or "atrio-ventricular" or "atrio ventricular" or "PV" or "P-V" or "P V" or "PR" or "P-R" or "P R")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:27
S15 9	8286	measur\$4 with ("VV" or "V-V" or "V V" or "interventricular" or "intrer-ventricular" or "inter ventricular" or "intraventricular" or "intra-ventricular" or "intra ventricular" or "RR" or "R R" or "R-R" or "IVCT")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:28
S16 0	908	S158 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:29
S16 1	183	("607"/\$.ccls.) and S160	USPAT	OR	ON	2006/10/04 09:43
S16 2	9	S160 and (pac\$5 with fusion)	USPAT	OR	ON	2006/10/04 09:29
S16 3	113	S160 and ("bi-ventricular" or "biventricular" or "bi ventricular")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:43
S16 4	13	S161 and (pac\$4 adj (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:42
S16 5	49	S163 and (pac\$4 adj (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:40

## EAST Search History

S16 6	56	S161 and (pac\$4 with (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:39
S16 7	94	S163 and (pac\$4 with (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:40
S16 8	56	S164 or S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:40
S16 9	94	S165 or S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:40
S17 0	10	S161 and (deliver\$4 adj (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:42
S17 1	42	S161 and (deliver\$4 with (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:42
S17 2	41	S160 and (deliver\$4 adj (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:42
S17 3	112	S160 and (deliver\$4 with (left or "LV" or "L V" or "L-V"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:42
S17 4	76	(S172 or S173) and ("bi-ventricular" or "biventricular" or "bi ventricular")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 09:43
S17 5	23	("607"/\$.ccls.) and S174	USPAT	OR	ON	2006/10/04 12:52

## EAST Search History

S17 7	131	"LEPARS"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:51
S17 9	4	("607"/\$.ccls.) and S177	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:53
S18 0	917	(left with only) and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:53
S18 1	16	(left adj only) and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:53
S18 2	22	(LV adj only) and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:54
S18 3	38	S181 or S182	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:57
S18 4	11681	measur\$4 with ("AV" or "A-V" or "A V" or "atrial ventricular" or "atrial-ventricular" or "atrioventricular" or "atrio-ventricular" or "atrio ventricular" or "PV" or "P-V" or "P V" or "PR" or "P-R" or "P R")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:57
S18 5	8286	measur\$4 with ("VV" or "V-V" or "V V" or "interventricular" or "intrer-ventricular" or "inter ventricular" or "intraventricular" or "intra-ventricular" or "intra ventricular" or "RR" or "R R" or "R-R" or "IVCT")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:57
S18 6	908	S184 and S185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:57

## EAST Search History

S18 7	4	S183 and S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:59
S18 8	8	S183 and S185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 12:59